

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/150,947DATE: 09/25/98
TIME: 12:18:29

INPUT SET: S28755.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT:

(A) NAME: YISSUM RES. DEV. CO. OF THE HEBREW UNIV. OF
JERUSALEM
(B) STREET: 46 Jabotinsky
(C) CITY: Jerusalem
(E) COUNTRY: ISRAEL
(F) POSTAL CODE (ZIP): 91042
(G) TELEPHONE: 972-2-5634880
(H) TELEFAX: 972-2-5660331

(ii) TITLE OF INVENTION: BROAD SPECTRUM PEPTIDE ANTAGONISTS

(iii) NUMBER OF SEQUENCES: 12

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Thr Asn Lys Lys Lys Val Thr Ala Gln Glu Leu Asp

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47 1 5 10
48
49 (2) INFORMATION FOR SEQ ID NO: 2:
50
51 (i) SEQUENCE CHARACTERISTICS:
52 (A) LENGTH: 12 amino acids
53 (B) TYPE: amino acid
54 (C) STRANDEDNESS: single
55 (D) TOPOLOGY: unknown
56
57 (ii) MOLECULE TYPE: peptide
58
59
60
61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
62
63 Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp
64 1 5 10
65
66 (2) INFORMATION FOR SEQ ID NO: 3:
67
68 (i) SEQUENCE CHARACTERISTICS:
69 (A) LENGTH: 10 amino acids
70 (B) TYPE: amino acid
71 (C) STRANDEDNESS: single
72 (D) TOPOLOGY: unknown
73
74 (ii) MOLECULE TYPE: peptide
75
76
77
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
79
80 Lys Lys Lys Ala Thr Val Gln Glu Leu Asp
81 1 5 10
82
83 (2) INFORMATION FOR SEQ ID NO: 4:
84
85 (i) SEQUENCE CHARACTERISTICS:
86 (A) LENGTH: 10 amino acids
87 (B) TYPE: amino acid
88 (C) STRANDEDNESS: single
89 (D) TOPOLOGY: unknown
90
91 (ii) MOLECULE TYPE: peptide
92
93
94
95 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
96
97 Lys Lys Lys Val Thr Ala Gln Glu Leu Asp
98 1 5 10
99

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100 (2) INFORMATION FOR SEQ ID NO: 5:

101

102 (i) SEQUENCE CHARACTERISTICS:

103 (A) LENGTH: 13 amino acids

104 (B) TYPE: amino acid

105 (C) STRANDEDNESS: single

106 (D) TOPOLOGY: unknown

107

108 (ii) MOLECULE TYPE: peptide

109

110

111 (ix) FEATURE:

112 (A) NAME/KEY: Modified-site

113 (B) LOCATION: 1

114 (D) OTHER INFORMATION: /label= X

115 /note= "N-lauryl cysteine residue"

116

117

118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

119

120 Xaa Thr Asn Lys Lys Lys Val Thr Ala Gln Glu Leu Asp

121 1 5 10

122

123 (2) INFORMATION FOR SEQ ID NO: 6:

124

125 (i) SEQUENCE CHARACTERISTICS:

126 (A) LENGTH: 13 amino acids

127 (B) TYPE: amino acid

128 (C) STRANDEDNESS: single

129 (D) TOPOLOGY: unknown

130

131 (ii) MOLECULE TYPE: peptide

132

133

134 (ix) FEATURE:

135 (A) NAME/KEY: Modified-site

136 (B) LOCATION: 1

137 (D) OTHER INFORMATION: /label= X

138 /note= "N-lauryl cysteine"

139

140

141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

142

143 Xaa Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp

144 1 5 10

145

146 (2) INFORMATION FOR SEQ ID NO: 7:

147

148 (i) SEQUENCE CHARACTERISTICS:

149 (A) LENGTH: 24 amino acids

150 (B) TYPE: amino acid

151 (C) STRANDEDNESS: single

152 (D) TOPOLOGY: unknown

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153
154 (ii) MOLECULE TYPE: peptide
155
156
157
158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
159
160 Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp Tyr Asn Lys Lys
161 1 5 10 15
162
163 Lys Ala Thr Val Gln Glu Leu Asp
164 20
165
166 (2) INFORMATION FOR SEQ ID NO: 8:
167
168 (i) SEQUENCE CHARACTERISTICS:
169 (A) LENGTH: 35 amino acids
170 (B) TYPE: amino acid
171 (C) STRANDEDNESS: single
172 (D) TOPOLOGY: unknown
173
174 (ii) MOLECULE TYPE: peptide
175
176
177
178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
179
180 Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp Tyr Asn Lys Lys
181 1 5 10 15
182
183 Lys Ala Thr Val Gln Glu Leu Asp Tyr Asn Lys Lys Lys Ala Thr Val
184 20 25 30
185
186 Glu Leu Asp
187 35
188
189 (2) INFORMATION FOR SEQ ID NO: 9:
190
191 (i) SEQUENCE CHARACTERISTICS:
192 (A) LENGTH: 14 amino acids
193 (B) TYPE: amino acid
194 (C) STRANDEDNESS: single
195 (D) TOPOLOGY: unknown
196
197 (ii) MOLECULE TYPE: peptide
198
199
200 (ix) FEATURE:
201 (A) NAME/KEY: Disulfide-bond
202 (B) LOCATION: 1..14
203 (D) OTHER INFORMATION: /label= X
204 /note= "Disulfide bond formed by the two external
205 Cys residues."

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206
207 (ix) FEATURE:
208 (A) NAME/KEY: Modified-site
209 (B) LOCATION: 14
210 (D) OTHER INFORMATION: /label= X
211 /note= "Extension with a cysteine residue."
212
213 (ix) FEATURE:
214 (A) NAME/KEY: Modified-site
215 (B) LOCATION: 1
216 (D) OTHER INFORMATION: /label= X
217 /note= "Extension with a cysteine residue."
218
219
220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
221
222 Xaa Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp Xaa
223 1 5 10
224
225 (2) INFORMATION FOR SEQ ID NO: 10:
226
227 (i) SEQUENCE CHARACTERISTICS:
228 (A) LENGTH: 14 amino acids
229 (B) TYPE: amino acid
230 (C) STRANDEDNESS: single
231 (D) TOPOLOGY: unknown
232
233 (ii) MOLECULE TYPE: peptide
234
235
236 (ix) FEATURE:
237 (A) NAME/KEY: Modified-site
238 (B) LOCATION: 1
239 (D) OTHER INFORMATION: /label= X
240 /note= "D-alanine residue."
241
242 (ix) FEATURE:
243 (A) NAME/KEY: Modified-site
244 (B) LOCATION: 14
245 (D) OTHER INFORMATION: /label= X
246 /note= "D-alanine residue"
247
248
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
250
251 Xaa Tyr Asn Lys Lys Lys Ala Thr Val Gln Glu Leu Asp Xaa
252 1 5 10
253
254 (2) INFORMATION FOR SEQ ID NO: 11:
255
256 (i) SEQUENCE CHARACTERISTICS:
257 (A) LENGTH: 14 amino acids
258 (B) TYPE: amino acid

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SEQUENCE MISSING ITEM REPORT
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ADDRESSEE
STREET
CITY
STATE
COUNTRY
ZIP
CORRESPONDENCE ADDRESS
APPLICATION NUMBER
FILING DATE
PRIOR APPLICATION DATA